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Approved for use through 10/31/2002 OMB 0651-0046

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| UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i> | Attorney Docket No. | REG 132-B1 |
| | First Inventor | David M. Valenzuela |
| | Title | Dorsal Tissue Affecting Factor and Composition |
| | Express Mail Label No. | EJ915219857US |

| | |
|---|---|
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages 81] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 15] 5. Oath or Declaration [Total Pages 8] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input checked="" type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies |

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| ACCOMPANYING APPLICATION PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee) 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 13. <input checked="" type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other. |
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18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09 167,874
 Prior application information: Examiner A. Holleran Group Art Unit 1642

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

| | | | | | |
|--|---------------------------------|-----------|--------------|----------|--------------|
| 19. CORRESPONDENCE ADDRESS <input type="checkbox"/> Customer Number or Bar Code Label <input type="checkbox"/> (Insert Customer No. or Attach bar code label here) or <input checked="" type="checkbox"/> Correspondence address below | | | | | |
| Name | Linda O. Palladino | | | | |
| Address | Regeneron Pharmaceuticals, Inc. | | | | |
| | 777 Old Saw Mill River Road | | | | |
| City | Tarrytown | State | New York | Zip Code | 10591 |
| Country | United States | Telephone | 914-345-7400 | Fax | 914-345-7721 |

| | | | |
|-------------------|---------------------------|-----------------------------------|--------------|
| Name (Print/Type) | Linda O. Palladino | Registration No. (Attorney/Agent) | 45,636 |
| Signature | <i>Linda O. Palladino</i> | Date | July 2, 2001 |

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 790.00

Complete if Known

| | |
|----------------------|---------------------|
| Application Number | NOT YET KNOWN |
| Filing Date | FILED HEREWITH |
| First Named Inventor | DAVID M. VALENZUELA |
| Examiner Name | NOT YET KNOWN |
| Group Art Unit | NOT YET KNOWN |
| Attorney Docket No. | REG 132-B1 |

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to
- Deposit Account Number 18-0650
- Deposit Account Name Regeneron Pharmaceuticals, Inc.
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☒ Payment Enclosed:
- ☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

| 1. BASIC FILING FEE | | | | |
|---------------------|--------------|-----------|------------------------|----------|
| Large Entity | Small Entity | Fee Code | Fee Description | Fee Paid |
| Fee (\$) | Fee (\$) | Code (\$) | | |
| 101 710 | 201 355 | | Utility filing fee | 710. |
| 106 320 | 206 160 | | Design filing fee | |
| 107 490 | 207 245 | | Plant filing fee | |
| 108 710 | 208 355 | | Reissue filing fee | |
| 114 150 | 214 75 | | Provisional filing fee | |
| SUBTOTAL (1) | | | | (\$ 710. |

| 2. EXTRA CLAIM FEES | | | | |
|---------------------|--------------|----------------|----------|-------|
| Total Claims | Extra Claims | Fee from below | Fee Paid | |
| 4 | -20** = 0 | x 18. | = 0. | |
| Independent Claims | 4 | -3** = 1 | x 80. | = 80. |
| Multiple Dependent | | | 270. | = 0. |

| Large Entity | Small Entity | Fee Code | Fee Description |
|--------------|--------------|-----------|--|
| Fee (\$) | Fee (\$) | Code (\$) | |
| 103 18 | 203 9 | | Claims in excess of 20 |
| 102 80 | 202 40 | | Independent claims in excess of 3 |
| 104 270 | 204 135 | | Multiple dependent claim, if not paid |
| 109 80 | 209 40 | | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 80.

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

| 3. ADDITIONAL FEES | | | | |
|-----------------------------------|--------------|-----------|--|----------|
| Large Entity | Small Entity | Fee Code | Fee Description | Fee Paid |
| Fee (\$) | Fee (\$) | Code (\$) | | |
| 105 130 | 205 65 | | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 | 139 130 | | Non-English specification | |
| 147 2,520 | 147 2,520 | | For filing a request for <i>ex parte</i> reexamination | |
| 112 920* | 112 920* | | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | | Extension for reply within first month | |
| 116 390 | 216 195 | | Extension for reply within second month | |
| 117 890 | 217 445 | | Extension for reply within third month | |
| 118 1,390 | 218 695 | | Extension for reply within fourth month | |
| 128 1,890 | 228 945 | | Extension for reply within fifth month | |
| 119 310 | 219 155 | | Notice of Appeal | |
| 120 310 | 220 155 | | Filing a brief in support of an appeal | |
| 121 270 | 221 135 | | Request for oral hearing | |
| 138 1,510 | 138 1,510 | | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | | Petition to revive - unavoidable | |
| 141 1,240 | 241 620 | | Petition to revive - unintentional | |
| 142 1,240 | 242 620 | | Utility issue fee (or reissue) | |
| 143 440 | 243 220 | | Design issue fee | |
| 144 600 | 244 300 | | Plant issue fee | |
| 122 130 | 122 130 | | Petitions to the Commissioner | |
| 123 50 | 123 50 | | Processing fee under 37 CFR 1.17(q) | |
| 126 180 | 126 180 | | Submission of Information Disclosure Stmt | |
| 581 40 | 581 40 | | Recording each patent assignment per property (times number of properties) | |
| 146 710 | 246 355 | | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 710 | 249 355 | | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 710 | 279 355 | | Request for Continued Examination (RCE) | |
| 169 900 | 169 900 | | Request for expedited examination of a design application | |
| Other fee (specify) | | | | |
| *Reduced by Basic Filing Fee Paid | | | | |
| SUBTOTAL (3) | | | | (\$) |

SUBMITTED BY

| | | | | | |
|-------------------|---------------------------|-----------------------------------|--------------|-----------|--------------|
| Name (Print/Type) | Linda O. Palladino | Registration No. (Attorney/Agent) | 45,636 | Telephone | 914-345-7400 |
| Signature | <i>Linda O. Palladino</i> | Date | July 2, 2001 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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